

Troop #: \_\_\_\_\_

Scout Name \_\_\_\_\_

## MMSR Prerequisite Form 2021

Merit Badge	Requirement Number	Initial	Merit Badge	Requirement Number	Initial
Art	6 (visit a museum, art exhibit, art gallery)		Geology	5c.3a (do one of the following)	
Astronomy	5b (internet to find when 5 most visible planets seen in evening sky)		Hiking	4 b-e (take the 5 following hikes each on a different day)	
	6b (sketch phase of moon for 4 nights)			5 (20 continuous mile hike)	
	8a (visit a planetarium. submit report, or scrapbook or video presentation)			6 (write a short reflection of each of your hikes in requirements 4 & 5)	
Bird Study	5 (observe & identify 20 species of birds, make field notebook)		Insect Study	5 (do the following)	
	8 (Do one of the following)			6 (do the following)	
	11 (3 career opportunities)*			9 (raise an insect through complete metamorphosis)	
Camping	3 (written plan for overnight camping)*			10 (do one of the following)	
	4b (help a Scout patrol or Webelos Scout unit in your area prepare for an actual campout)			13 (career opportunities in insect study)*	
	5e (Pack check by Scoutmaster)		Mammal Study	4 b, e or f (only necessary if 4d is unsuccessful at camp)	
	7b (pack own gear, share patrol equipment, show packed properly)		5 (project to influence number of mammals)		
	9a (20 nights of camping)		Mining in Society	2 Obtain a state map, mark 5 major enterprises & resources at each	
Chemistry	9b (do 2 of the following on camping experiences)		Orienteeing	8b (3 career opportunities, come prepared to present about a chosen career opportunity)	
	9c (conservation project approved by landowner)			7 (do the following)	
	4a (raw onion, cooked onion, caramelized onion - taste each type)			8 (do one the following)	
Electricity	7 (do one of the following)		Photography	9 Act as an official at an orienteeing event	
	2 (electrical home safety inspection)			bring own camera	
	8 (floor plan of lights, switches & outlets of a room at home)			6 (do one the following)*	
	9a (read electric meter, use electric bill to determine cost of energy used)		7 (do the following)*		
	9b (five ways your family can conserve energy)*		Reptile & Amphibian Study	8 (complete a or b)	
Energy	9e (hook a model electric train to house circuit, tell how it works)		9 (complete a or b, 9 c will be completed at camp)		
	4 (14 day log how family reduce energy use)		Scouting Heritage	2a (please come with printed information on your 2 individuals)	
	5 (notebook 5 examples of energy waste at home, school or community & how to fix)			4 (do one the following)	
6 (Pie charts for the following items)*		5 Learn about the history of your unit, create a report			
Environmental Science	3a.2 (ECOLOGY- Green house effect expeiement, keep journal)		6 Make a collection of personal patches & Scouting memorabilia		
	3e.1-3 (ENDANGERED SPECIES - Choose one option and complete)		Signs, Signals & Codes	7 On a Scout outing layout a trail, must cover at least one mile. . .	
	4b (3 visits to each study area, total of 6 visits) if 4a does not get done at camp then from what you learned in 4a then do 4b.			8 a-d (choose 3 of the following and practice signals to be prepared to show at camp)	
5 (using the construction project provided, identify items for environmental study)		5b Scrapbook about a planetary mission			
First Aid	1st class Rank		Space Exploration	7 design an inhabited base - make a model or drawings	
	5a (prepare home 1st aid kit - bring kit or photo of kit and contents to camp)		Weather	9 (do one of the following)	
	5b (inspect troop 1st aid kit & evaluate it, report findings to scout leader)			Wilderness Survival	5 put together a personal survival kit - explain each items usefulness
Game Design	6b-c (prototype your game - MUST COMPLETE AFTER ATTENDING CAMP)		One Match Firebuilding	Must have Firem'n Chit	
	7b-c (blind test your game - MUST COMPLETE AFTER ATTENDING CAMP)		ATV ASI Certification	Online Safety Class website - <a href="https://atvsafety.org/atv-ecourse">https://atvsafety.org/atv-ecourse</a> certificate and bring it to camp with you	Print your
Geocaching	7 (3 posted geocaches for your city from <a href="http://www.geochaching.com">www.geochaching.com</a> )				
	8 (do one of the following)*				
	9 (plan a geohunt for youth group)				

Your signature below indicates that you have reviewed the prerequisites with the scout named above and confirm that the scout has met the requirement as written in the Merit Badge Book.

Scoutmaster Signature \_\_\_\_\_ Date: \_\_\_\_\_

All Aquatics Merit Badges at Medicine Mountain require passage of the BSA Swimmers Test. Swim Test must be completed at Medicine Mountain due to our lake temperatures.

\* denotes requirement may be covered at camp, can be done prior but please bring photos of the item for class discussion.

**Photocopy this sheet for each merit badge and turn it in to your Merit Badge Counselor.**

Please include any other special merit badge notes on the back of this sheet.